Please type a plus sign (+) inside this box ->	F	1
--	---	---

					
					Complete if Known
Substitute for fo	orm 1449A/B/PTO			Application Number	Unassigned
INFO	TRMATION	טופנ	CLOSURE	Filing Date	September 17, 2003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				First Named Inventor	Yasuhiro SHIRAKI
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Altorney Docket Number	402785/FUKAMI

			U.	S. PATENT DOCUMENTS		
		U.S. Patent Document				
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
IBP	A 1	2002/0036099		Hachiya	3/28/2002	,
					- 1	17
		L				
	1					

	FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document						Trans	lation
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applic	ant	Date of Publication	Yes	No*+
IBP.	A2	JP	11-54869		HITACHI LTD 7	WEBS	2/26/1999		X+
IBP:	А3	JP	2002-111230		TOSHIBA CORP (PI		4/12/2002	1	X+
IBP	Α4	JP	2000-216510		NEC CORP /	OR RE	8/4/2000	1	X+
, , , , , , , , , , , , , , , , , , ,					3 AB	J. W.			
7						010		1	

Examiner Signature †				
	Examiner Signature	+ 0 0	Date Considered	
	Exeminer Orginature	1 K VATIO		- 1
	L		1 4-0	

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
 An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).